

Abstract

A method for managing a network includes selecting a first database containing a topology of the network, as an active database that is accessible, selecting a second database as a working database for receiving topology updates, discovering a topology of the network and updating the second database with the discovered topology, and selecting the second database as the active database. Another method includes discovering the network, updating a topology representation of the network in a working database based on the discovering, simultaneous with the discovering and the updating providing access to a topology representation of the network in an active database, and exchanging connections of the working and active databases.